

ABSTRACT

An ultrasonic dental insert for an ultrasonic dental tool is provided. The ultrasonic dental insert includes a transducer, a connecting body, a hand grip, at least one O-ring 5 and a removable tip. The transducer generates ultrasonic vibrations. The connecting body has a proximal end attached to the transducer and a distal end. The distal end has an engagement portion formed thereon. The hand grip envelopes at least a portion of the connecting body. At least one O-ring is 10 for shock absorption, and is mounted between the connecting body and the hand grip and around the engagement portion. The removable tip engages the engagement portion.

JEJ PAS538763.1--12/11/03 8:13 PM